

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S3	0	wo-0027170-\$.did.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/04 19:18
S2	2	wo-9946964-\$.did.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/04 19:18
S4	1	wo-200027170-\$.did.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/04 19:19
S5	2	wo-9528960-\$.did.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/04 19:20
S7	0	ep-0636427-\$.did.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/04 19:21
S6	2	wo-9529860-\$.did.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/04 19:21
S8	2	ep-636427-\$.did.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/04 19:22
S10	2	jp-2002110397-\$.did.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/04 19:23

## EAST Search History

S9	2	ep-1073091-\$.did.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/04 19:23
S11	6	jp-2002094221-\$.did. jp-2002008895-\$.did. jp-2002001253-\$.did.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/04 19:24
S12	1	("6423924").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/02/04 19:26
S1	1	("6140773").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/02/04 19:26
S13	4	("3786306"   "5908565"   "5985378"   "6100496").PN. OR ("6423924").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/02/04 19:28
S14	1	fr-2458897-\$.did.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/04 19:34
S16	2381	((bottle container vessel) with plasma) and puls\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/04 19:35
S15	4389	(bottle container vessel).ti,ab,clm. and plasma and puls\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/04 19:35
S21	1	("20020182101").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/02/04 20:03
S20	0	("200200182101").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/02/04 20:03
S19	0	("2002182101").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/02/04 20:03

## EAST Search History

S18	2	("2003165636").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/02/04 20:03
S22	28	(US-20050127843-\$ or US-20040035838-\$ or US-20030232150-\$ or US-20020182101-\$).did. or (US-6140773-\$ or US-6423924-\$ or US-6223683-\$ or US-6059935-\$). did. or (US-3383163-\$).did. or (WO-9946964-\$ or WO-9529860-\$ or EP-636427-\$ or EP-1073091-\$). did. or (JP-2002110397-\$ or JP-2002094221-\$ or JP-2002008895-\$ or JP-2002001253-\$ or JP-2002255123-\$).did. or (US-6423924-\$ or WO-200027170-\$ or US-5558200-\$ or EP-636427-\$ or EP-1073091-\$ or JP-2002110397-\$ or JP-2002094221-\$ or JP-2002008895-\$ or JP-2002001253-\$ or WO-2003092039-\$).did.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/02/04 21:21
S24	8	S17 and transistor	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/02/04 21:24
S23	2	S22 and transistor	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/02/04 21:24
S29	11	S26 and S27	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/04 21:26
S28	30065	S26 S27	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/04 21:26

## EAST Search History

S27	27947	(118/7\$).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/02/04 21:26
S26	2129	plasma and (transistor with puls\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/04 21:26
S25	3	((bottle) with plasma) and transistor with (power)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/04 21:26
S32	10	S30 and air	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/05/17 10:08
S31	1	S30 and pneumatic	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/05/17 10:08
S30	29	(US-20050127843-\$ or US-20020182101-\$ or US-20040035838-\$ or US-20030232150-\$).did. or (US-6140773-\$ or US-6423924-\$ or US-6465964-\$ or US-6223683-\$ or US-6059935-\$).did. or (US-3383163-\$).did. or (WO-9946964-\$ or WO-9529860-\$ or EP-1073091-\$ or EP-636427-\$). did. or (JP-2002110397-\$ or JP-2002001253-\$ or JP-2002094221-\$ or JP-2002008895-\$ or JP-2002255123-\$).did. or (US-6423924-\$ or WO-200027170-\$ or US-5558200-\$ or EP-1073091-\$ or EP-636427-\$ or JP-2002110397-\$ or JP-2002001253-\$ or JP-2002094221-\$ or JP-2002008895-\$ or WO-2003092039-\$).did.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/05/17 10:08

## EAST Search History

S33	40	("2664852"   "2665226"   "2996037"   "3016873"   "4230068"   "4438368"   "4552791"   "4573429"   "4697974"   "4752426"   "4765273"   "4824545"   "4888199"   "4975168"   "5308649"   "5308950"   "5374314"   "5378510"   "5521351"   "5558720"   "5565248"   "5651867"   "5662741"   "5704983").PN. OR ("6223683").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/05/17 10:18
S17	119	((bottle) with plasma) and puls\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/17 10:22
S37	9576	(bottle container) with (convey\$4 mov\$3 carry\$3 carried transport\$5) with (pneumatic\$4 blow\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/17 10:25
S35	31240	(bottle container) with (convey\$4 mov\$3 carry\$3 carried transport\$5) with (pneumatic\$4 blow\$4 air)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/17 10:25
S38	165	S34 and S37	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/17 10:28
S41	83	S40 not S38	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/17 10:32
S40	126	S39 and S35	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/17 10:32

## EAST Search History

S39	28250	(118/7\$).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/05/17 10:32
S36	608	S34 and S35	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/17 10:32
S34	88398	("118").CLAS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/05/17 10:32
S42	12	("1673624"   "3438803"   "3498819"   "3623854"   "3658304").PN. OR ("3934063"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/05/17 10:38
S43	26	("2816523"   "2878143"   "3516811"   "3688737"   "4151059"   "4529627"   "4781205"   "4886592"   "4969790"   "5611858").PN. OR ("6132562"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/05/17 10:39
S44	5	("3854439"   "3944058"   "6132562"   "6209710").PN. OR ("6758907").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/05/17 10:41
S45	21	("3590982"   "3901180"   "3938847"   "3944058"   "3951285"   "4106612"   "4199291"   "4215967"   "4262795"   "4287980"   "4541524"   "5529191"   "5797249").PN. OR ("6209710"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/05/17 10:50
S47	1	("5425385").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/05/17 11:01
S46	166	(118/622).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/05/17 11:01

## EAST Search History

S48	20	("2967531"   "3240216"   "3311500"   "3587597"   "3614958"   "4295503"   "4834123"   "4917296"   "5135014"   "5277207").PN. OR ("5425385").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/05/17 11:03
S50	3127	(pneumatic air) with (transport\$5) with (channel rail)	US-PGPUB; USPAT; USOCR	OR	ON	2007/05/17 11:08
S49	18	("0740793"   "0838927"   "1919965"   "3143218"   "3521650"   "4074654"   "4083055"   "4104081"   "4161086"   "5277207"   "5425385"   "5598859"   "6240937").PN. OR ("6945260").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/05/17 11:08
S52	135	(pneumatic air) with (transport\$5) with (channel) same (bottle container)	US-PGPUB; USPAT; USOCR	OR	ON	2007/05/17 11:09
S51	439	(pneumatic air) with (transport\$5) with (channel rail) same (bottle container)	US-PGPUB; USPAT; USOCR	OR	ON	2007/05/17 11:09
S53	27	("4822214"   "5028174"   "5161919"   "5246314"   "5248045"   "5421678"   "5437521"   "5484237"   "5501552"   "5516239"   "5542789"   "5553080"   "5553698"   "5567091"   "5630679"   "5695302"   "5785169"   "5820306"   "5947647"   "5951211"   "6024518"   "6033156"   "6062773"   "6190094").PN. OR ("6488449").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/05/17 11:22
S54	10	("5028174"   "5299889"   "5437521"   "5611647").PN. OR ("5820306").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/05/17 11:31
S55	24	("3292772"   "3776350"   "3844405"   "3874497"   "3953076"   "4216855"   "5072573"   "5147153"   "5170879"   "5246314"   "5322160"   "5421678"   "5437521"   "5451125"   "5611647"   "5628588"   "5628605"   "5682976"   "5695302"   "5706933"   "5782339"   "5810516"   "5820306").PN. OR ("6360880").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/05/17 11:54

## EAST Search History

S56	18655	("406").CLAS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/05/17 11:55
S58	382	S57 and air and (bottle container)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/17 11:56
S57	1264	S56 and (guid\$3 rail) with (mov\$3 movable adjust\$4 position\$4 reposition\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/17 11:56
S60	86	S59 and access\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/17 11:57
S61	246	S59 not S60	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/17 12:03
S59	332	S58 and (mouth neck opening)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/17 12:03



## EAST Search History

S62	46	(US-20050127843-\$ or US-20020182101-\$ or US-20040035838-\$ or US-20030232150-\$ or US-20020020719-\$ or US-20030164280-\$).did. or (US-6140773-\$ or US-6423924-\$ or US-6465964-\$ or US-6223683-\$ or US-6059935-\$ or US-6335054-\$ or US-6132562-\$ or US-3934063-\$ or US-6758907-\$ or US-6209710-\$ or US-6488449-\$ or US-5820306-\$ or US-6494646-\$ or US-5695302-\$ or US-6360880-\$ or US-6685401-\$ or US-6332740-\$ or US-6318935-\$ or US-6190094-\$ or US-5984591-\$). did. or (US-3383163-\$).did. or (WO-9946964-\$ or WO-9529860-\$ or EP-1073091-\$ or EP-636427-\$). did. or (JP-2002110397-\$ or JP-2002001253-\$ or JP-2002094221-\$ or JP-2002008895-\$ or JP-2002255123-\$).did. or (US-6423924-\$ or WO-200027170-\$ or US-5558200-\$ or EP-1073091-\$ or EP-636427-\$ or JP-2002110397-\$ or JP-2002001253-\$ or JP-2002094221-\$ or JP-2002008895-\$ or WO-2003092039-\$).did.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/05/17 12:19
S63	22	S62 and puls\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/05/17 12:50
S64	3	S62 and transistor	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/05/17 12:51
S66	1132	S65 and (plasma discharge)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/05/17 12:52
S67	549	puls\$4 and (field near2 transistor) and cr and (high adj frequency)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/05/17 12:53

## EAST Search History

S65	1987	puls\$4 and (field near2 transistor) and cr	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/05/17 12:53
S69	28250	(118/7\$).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/05/17 14:21
S68	328	puls\$4 and (field near2 transistor) and cr and (high adj frequency) and (plasma discharge)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/05/17 14:21
S73	1	S70 and S72	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/17 14:22
S72	3520	(315/111.\$).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/05/17 14:22
S71	6	S69 and S70	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/05/17 14:22
S70	328	puls\$4 and (field near2 transistor) and cr and (high adj frequency) and (plasma discharge)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/05/17 14:23
S76	5	S74 and parasitic and miller	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/05/17 14:52
S74	251	S70 not chromium	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/05/17 14:52

## EAST Search History

S75	73	S74 and parasitic	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/05/17 14:54
S77	43	("4443778"   "4503360"   "4546290"   "4570105"   "4987347"   "4988920"   "5004955"   "5055993"   "5075602"   "5083065").PN. OR ("5341068"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/05/17 15:13
S79	3	S77 and gas and (computer controller)	US-PGPUB; USPAT; USOCR	OR	ON	2007/05/17 15:14
S78	35	S77 and gas	US-PGPUB; USPAT; USOCR	OR	ON	2007/05/17 15:14

## EAST Search History

S80	54	(US-20020020719-\$ or US-20020182101-\$ or US-20030164280-\$ or US-20030232150-\$ or US-20040035838-\$ or US-20050127843-\$).did. or (US-6488449-\$ or US-6332740-\$ or US-6059935-\$ or US-6494646-\$ or US-6758907-\$ or US-5984591-\$ or US-6423924-\$ or US-6465964-\$ or US-6140773-\$ or US-6223683-\$ or US-6335054-\$ or US-6685401-\$ or US-5695302-\$ or US-5820306-\$ or US-6132562-\$ or US-3934063-\$ or US-6209710-\$ or US-6360880-\$ or US-6318935-\$ or US-6190094-\$ or US-6744649-\$ or US-6633285-\$ or US-6624594-\$ or US-6597210-\$ or US-6291947-\$ or US-5777867-\$). did. or (US-5581454-\$ or US-5341068-\$).did. or (US-3383163-\$).did. or (EP-636427-\$ or WO-9529860-\$ or WO-9946964-\$ or EP-1073091-\$). did. or (JP-2002110397-\$ or JP-2002255123-\$ or JP-2002008895-\$ or JP-2002094221-\$ or JP-2002001253-\$).did. or (JP-2002094221-\$ or JP-2002001253-\$ or JP-2002008895-\$ or JP-2002110397-\$ or WO-2003092039-\$ or US-5558200-\$ or US-6423924-\$ or EP-636427-\$ or WO-200027170-\$ or EP-1073091-\$).did.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/05/17 15:15
S82	1608	(118/723e).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/05/17 15:19
S83	119	S82 and (computer controller) and puls\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/05/17 15:20
S81	10	S80 and (computer controller)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/05/17 15:20

## EAST Search History

L6	20	apit.as.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/18 20:40
L5	1	11/036097	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/18 20:40
L9	4	8 and (discharge plasma).clm. and (bottle container).clm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/18 20:44
L8	110	6 7	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/18 20:44
L7	102	(koulik near2 pavel samsonov near2 mickhail cherepanov near2 alexander petrov near2 evguenii borissof near2 oleg lohr near2 robert vanaud near2 sebastien rung near2 vladimir).in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/18 20:44